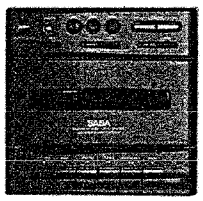
THOMSON CONSUMER ELECTRONICS

NORDMENDE THOMSON TECHNOLOGY | SABA | TELEFUNKEN | THOMSON

AUDIO

# SERVICE MANUAL
# DOCUMENTATION TECHNIQUE
# TECHNISCHE DOKUMENTATION
# DOCUMENTAZIONE TECNICA
# DOCUMENTACION TECNICA

# SABA CS1550CD



## Technical data - Caractéristiques principales
## Technische Daten - Dati tecnici - Caracteristicas del aparato

| | | |
|---|---|---|
| Type of set :<br>Type d'appareil :<br>Gerateart :<br>Tipo d'apparecchio :<br>Tipo de aparato : | Two-in-one horizontale,combination/DAD<br>Ensemble compact stereophonique/DAD<br>DAD-2er Horizontal Kompaktanlage<br>Insieme compatto stereofonico/DAD<br>Equipo compacto esterofónico/DAD | ↔ 154 mm ↕ 312 mm ↙ 220 mm 3,8 kg |
| Power supply :<br>Alimentation :<br>Stromversorgung :<br>Alimentazione :<br>Alimentación : | 230 V ~ | Nominal output power :<br>Puissance nominale de sortie :<br>Nennausgangsleistung :<br>potenza nominale di uscita :<br>Potencia nominal de salida : — 2 x 5 W |
| Signal to noise ratio :<br>Rapport signal / bruit :<br>Geräuschspannungsabstand :<br>Rapporto segnale / disturbo :<br>Relación señal / ruido : | 50 dB | Sensitivity :<br>Sensibilité : FM -MF : 4 µV (S/N = 26 dB)<br>Empfindlichkeit : MW - PO : 600 µV/m (S/N = 20 dB)<br>Sensibilità : LW - GO : 2000 µV/m (S/N = 20 dB)<br>Sensibilidad : |
| Frequency response :<br>Courbe de réponse :<br>Frequenzgang :<br>Curva di risposta :<br>Curva de respuesta : | 125 Hz - 8 kHz<br>(-5 dB) | Signal to noise ratio :<br>Rapport signal / bruit :<br>Geräuschspannungsabstand :<br>Rapporto segnale / disturbo :<br>Relación señal / ruido : — 50 dB |
| Wow and fluttter :<br>Fluctuations :<br>Gleichlauf :<br>Fluttuazioni :<br>Fluctuaciones : | 0,5 % | → 4,75 cm/s<br><< ▶▶ >> << ◀◀ >> C60 : 170 s |
| Disc rotation speed :<br>Vitesse de rotation du disque :<br>CD-Drehgeschwindigkeit :<br>Velocità di rotazione del disco :<br>Velocidad de rotación del disco : | 200 ➡ 500 tr/m | Frequency response :<br>Courbe de réponse :<br>Frequenzgang :<br>Curva di risposta :<br>Curva de respuesta : — 20 Hz - 20kHz<br>(-1 dB) |
| Stereo separation :<br>Diaphonie :<br>Übersprechdämpfung :<br>Diafonía :<br>Diafonia : | 75 dB | Signal to noise ratio :<br>Rapport signal / bruit :<br>Geräuschspannungsabstand :<br>Rapporto segnale / disturbo :<br>Relación señal / ruido : — 85 dB |

DAD

⚠

**WARNING :** *Before servicing this set read the safety recommendations.*
**ATTENTION :** *Avant toute intervention sur cet appareil, lire les recommandations de sécurité.*
**ACHTUNG :** *Vor jedem Eingriff im Gerät, die Sicherheitsvorschriften lesen.*
**ATTENZIONE :** *Prima di intervenire sull'apparecchio, leggere le norme di sicurezza.*
**IMPORTANTE :** *Antes de cualquier intervención, leer las recomendaciones de seguridad.*

**Code : 102.798.70** - 09/94

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| | |
|---|---|
| **DANGER:** | **Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.** |
| **ATTENTION:** | **Le rayon laser est invisible. Eviter l'exposition directe lors de la maintenance.** |
| **ACHTUNG:** | **Bei geöffneter Schublade und Defekt der Sicherheitsvorrichtungen besteht die Gefahr unsichtbaren Laserlichts. Niemals direkt in den Laserstrahl sehen.** |
| **ATTENZIONE:** | **Il ragio laser è invisible. Evitare l'esposizione diretta durante la manutenzione.** |
| **IMPORTANTE:** | **El rayo laser es invisible. Evitar la exposición directa en el momento del mantenimiento.** |

## ADJUSTMENTS - REGLAGES - ABGLEICH - AJUSTES - REGOLAZIONE

### BIT PLL FREERUN

ASY

SFR5

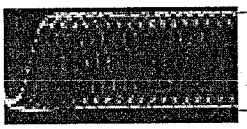
PCK — Hz

f = 4,321 ± 0,005 MHz

### LASER OUTPUT

SFR4

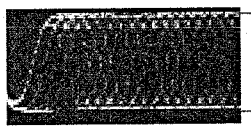
RF — DC




### FOCUS OFFSET

SFR1

RF — DC




### FOCUS GAIN

- Play the 1st track recorded
- Lire le premier morceau du disque
- Den ersten Titel einer CD spielen
- Reproducir la primera banda del disco
- Riprodurre la prima traccia registrata

SFR2

Focus coil / Bobine focus — mV ~

V = 210 mV ± 5 mV

### TRACKING GAIN

- Play the 1st track recorded
- Lire le premier morceau du disque
- Den ersten Titel einer CD spielen
- Reproducir la primera banda del disco
- Riprodurre la prima traccia registrata

SFR3

Tracking coil / Bobine tracking — mV ~

V = 50 mV ± 5 mV

# DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - DIGITALVERARBEITUNGS SCHALTBILD - SCHEMA ELABORAZIONE DIGITALE - ESQUEMA DEL TRATAMIENTO DIGITA

TRCD

2

| IC8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Norm. | 0 | 0,5 | 0,8 | 0,3 | 1,5 | 1,5 | 8 | 8,2 | 0,8 | 0,5 |
| Opening | 0 | 2,7 | 4,2 | 2,6 | 1,5 | 0,5 | 8 | 7,9 | 0,9 | 0 |
| Closing | 0 | 0 | 0,8 | 2,6 | 0,5 | 1,4 | 8 | 7,9 | 4,2 | 2,7 |

# IGITAL - DIGITALVERARBEITUNGS SCHALTBILD - SCHEMA ELABORAZIONE DIGITALE - ESQUEMA DEL TRATAMIENTO DIGITAL

| IC8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Norm. | 0 | 0,5 | 0,8 | 0,3 | 1,5 | 1,5 | 8 | 8,2 | 0,8 | 0,5 |
| Opening | 0 | 2,7 | 4,2 | 2,6 | 1,5 | 0,5 | 8 | 7,9 | 0,9 | 0 |
| Closing | 0 | 0 | 0,8 | 2,6 | 0,5 | 1,4 | 8 | 7,9 | 4,2 | 2,7 |



# CD CONTROL SCHEMATIC DIAGRAM - SCHEMA COMMANDES CD - CD BEDIENTEIL SCHALTBILD - SCHEMA COMANDI CD - ESQUEMA MANDOS CD

OPER

PLAY/PAUSE
STOP
F SKIP
B SKIP
FF
FB
OPEN/CLOSE
REPEAT
REMAIN
PROG
D601
D602
D603
D604
D606
D607
D608
D609
D610
D611
1N4148X11
1000
0011
0100
0010

CXD 1167 Q

CXD 1167 Q

CXA 1082 BQ

FROM CDM4

FROM CDM4

IC01 CXA1081M

CXA 1081Q

BA 6296 FP

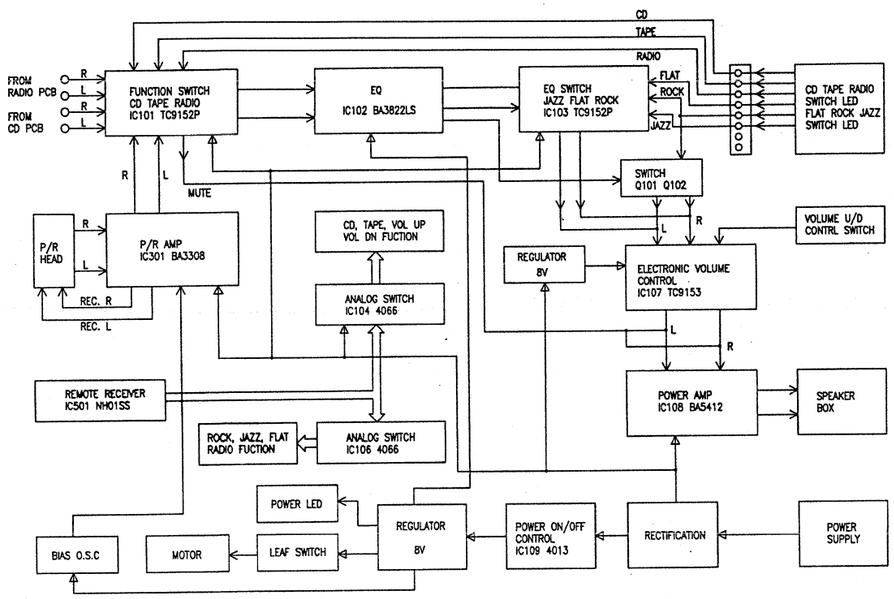
LC 7881

C 4558 C

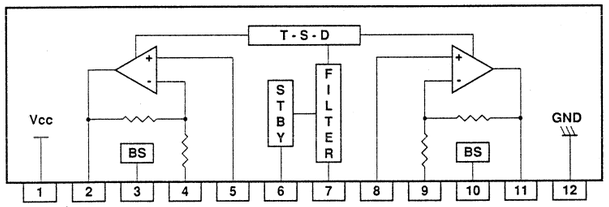
BA 6209 N

2 SC 8550
PE 8550 B

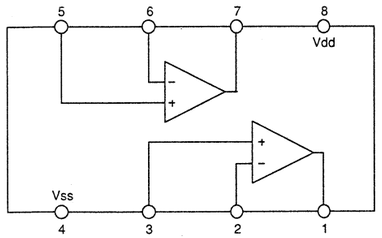
# RECORD / PLAYBACK BLOCK DIAGRAM - SCHEMA SYNOPTIQUE ENREGISTREMENT / LECTURE - AUFNAHME / WIEDERGABE BLOCKSCHALTBILD - SCHEMA A BLOCCHI REGISTRAZIONE / RIPRODUZIONE - ESQUEMA DE BLOQUES GRABACION / REPRODUCCION




**IC 108** BA 5412

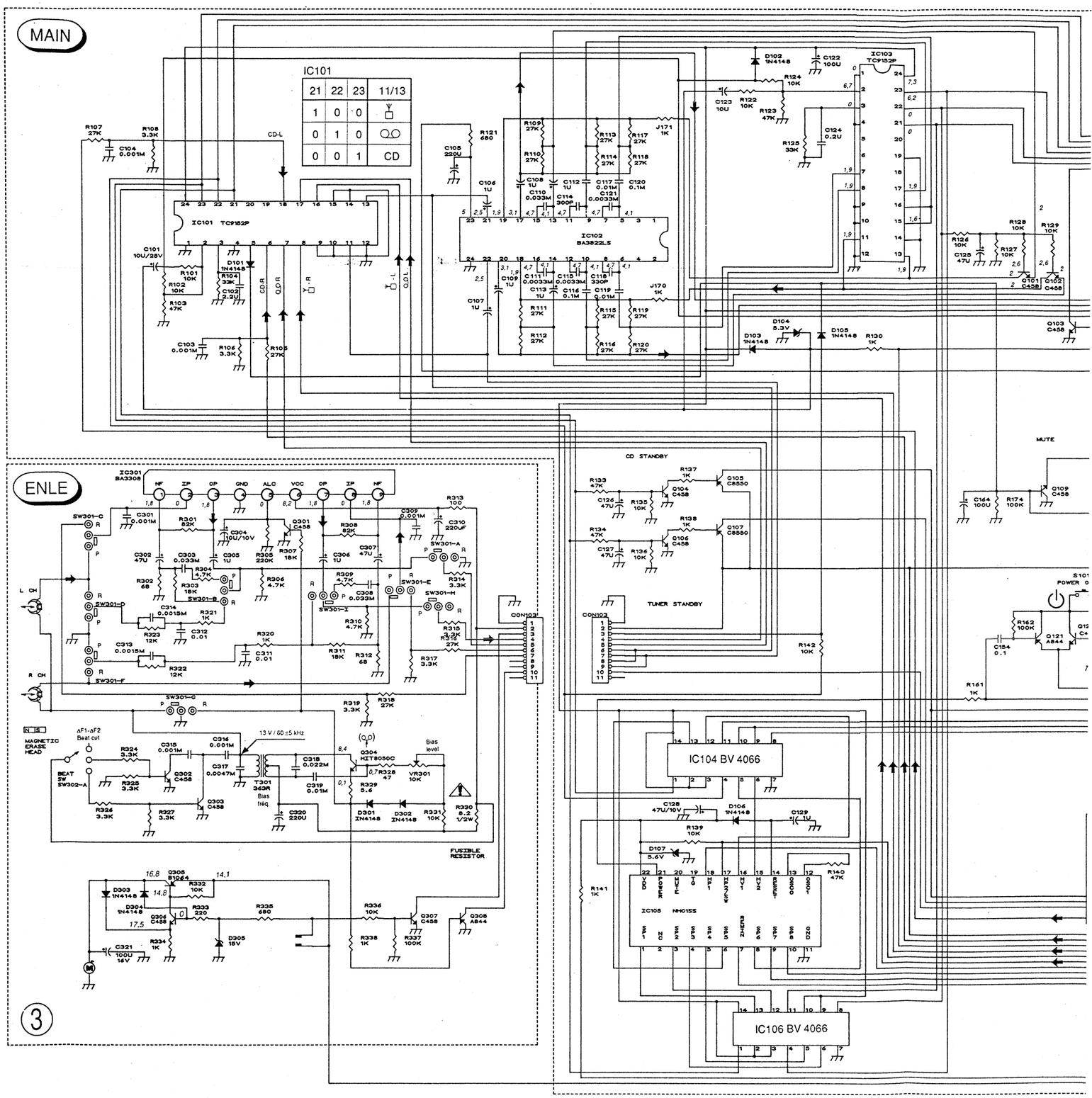



**IC07** BA 4558

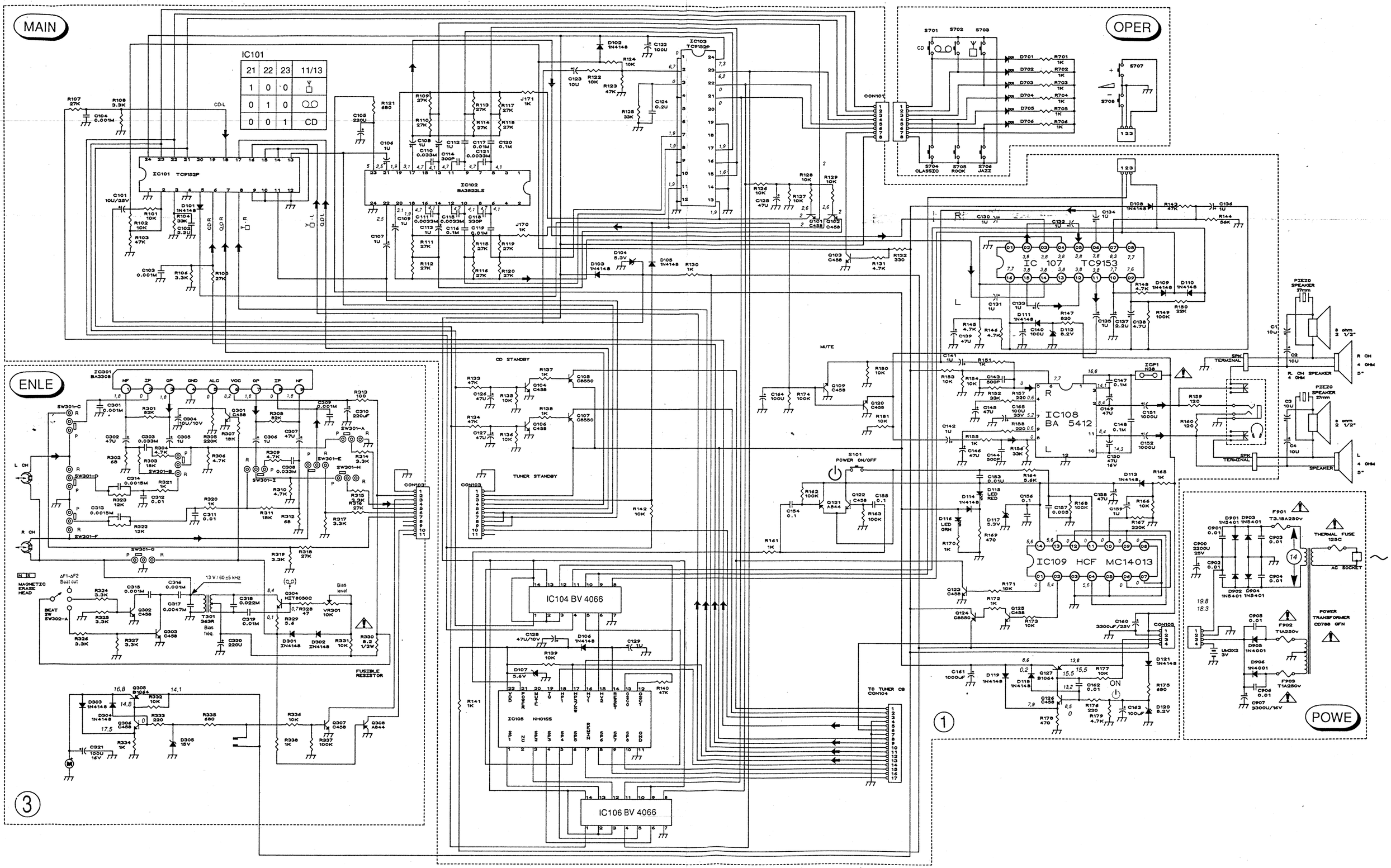





# MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - GRUNDPLATTE SCHALTBILD - SCHEMA DELLA PIA



# MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - GRUNDPLATTE SCHALTBILD - SCHEMA DELLA PIASTRA PRINCIPALE - ESQUEMA DE LA PLATINA PRINCIPAL





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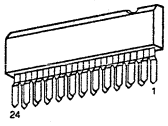
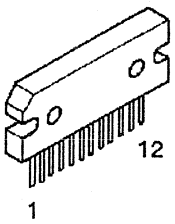
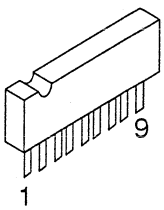
**Playback / record P.C.B.**
**Platine enregistrement / lecture**
**Àufnahme / Wiedergabe L.T.P.**
**Piastra registrazione / riproduzione**
**Platina grabación / reproducción**



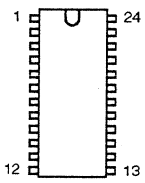

BA 3322 LS



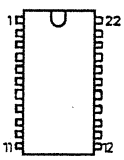

BA 5412



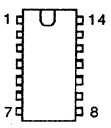

BA 3308



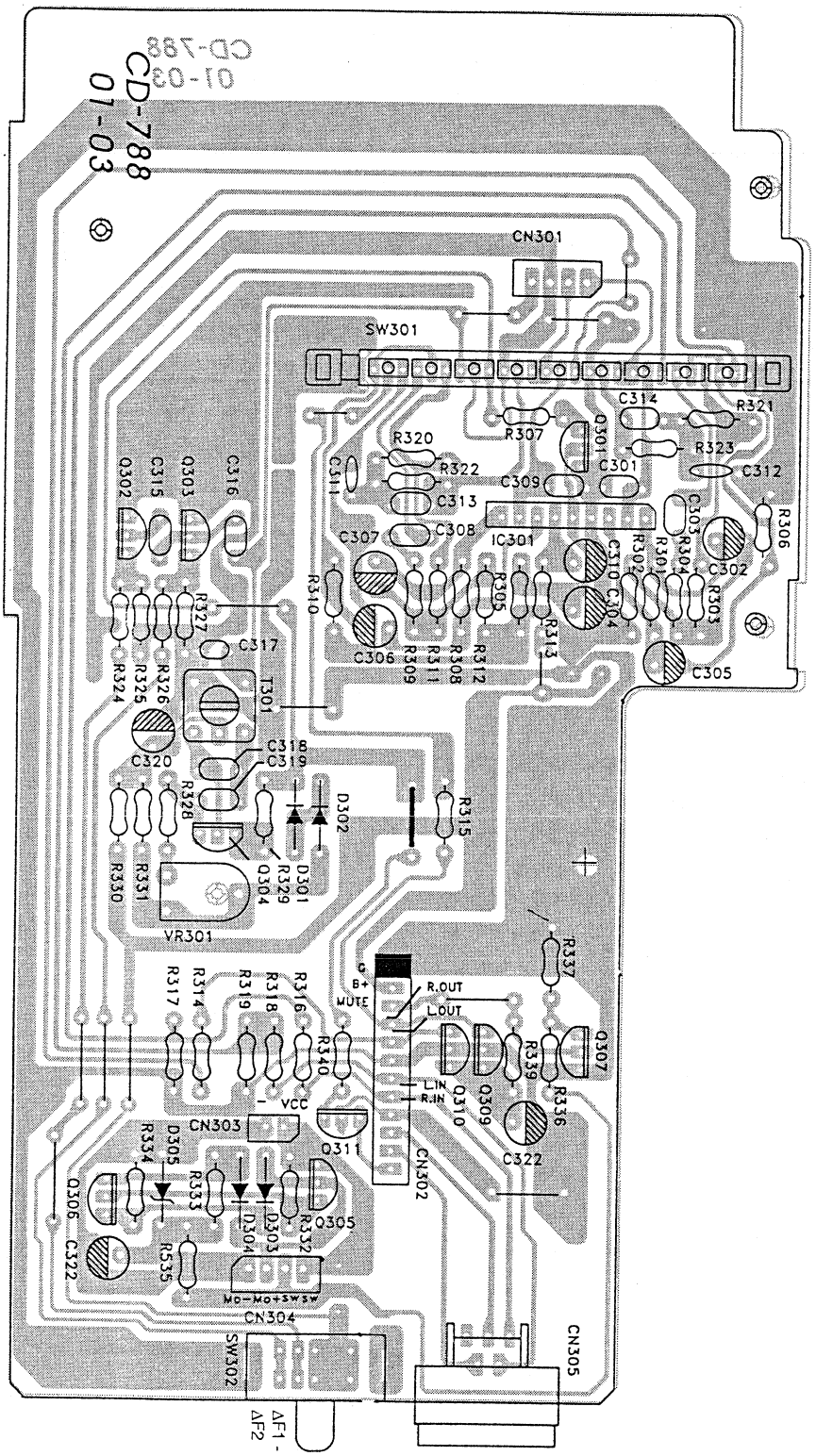

TC 9152 P




NH 01 SS



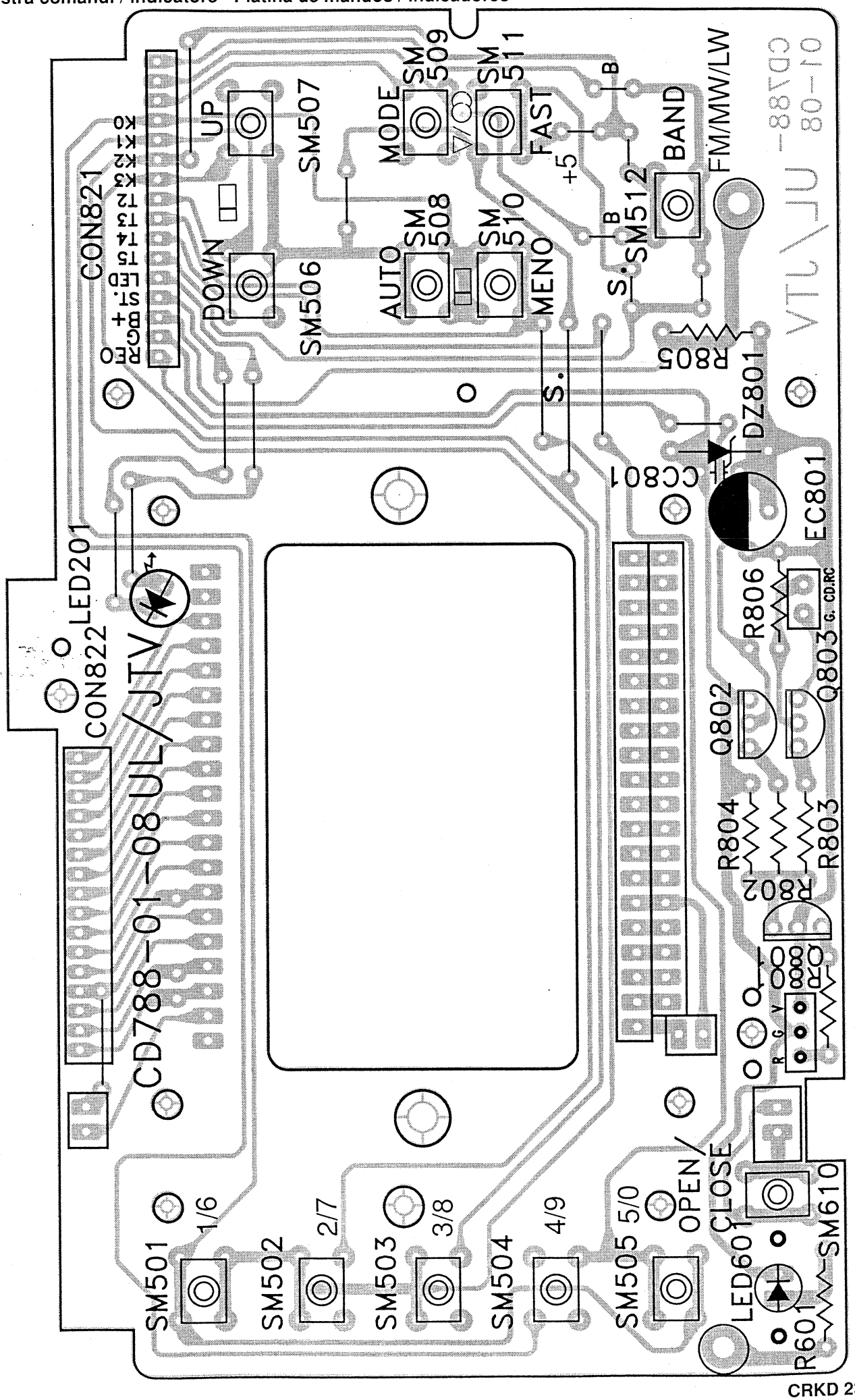

BU 4066
MC 14013 BPC
TC 9153 AP



2 SC 1815 GR
2 SC 458
2 SC 8550
HIT 8050 C
PE 8050
PE 8550 B

2 SA 844 D
2 SB 1064 E

Control / display P.C.B. - Platine commandes / afficheurs - Bedienteil / Anzeiger L.T.P. -
Piastra comandi / indicatore - Platina de mandos / indicadores

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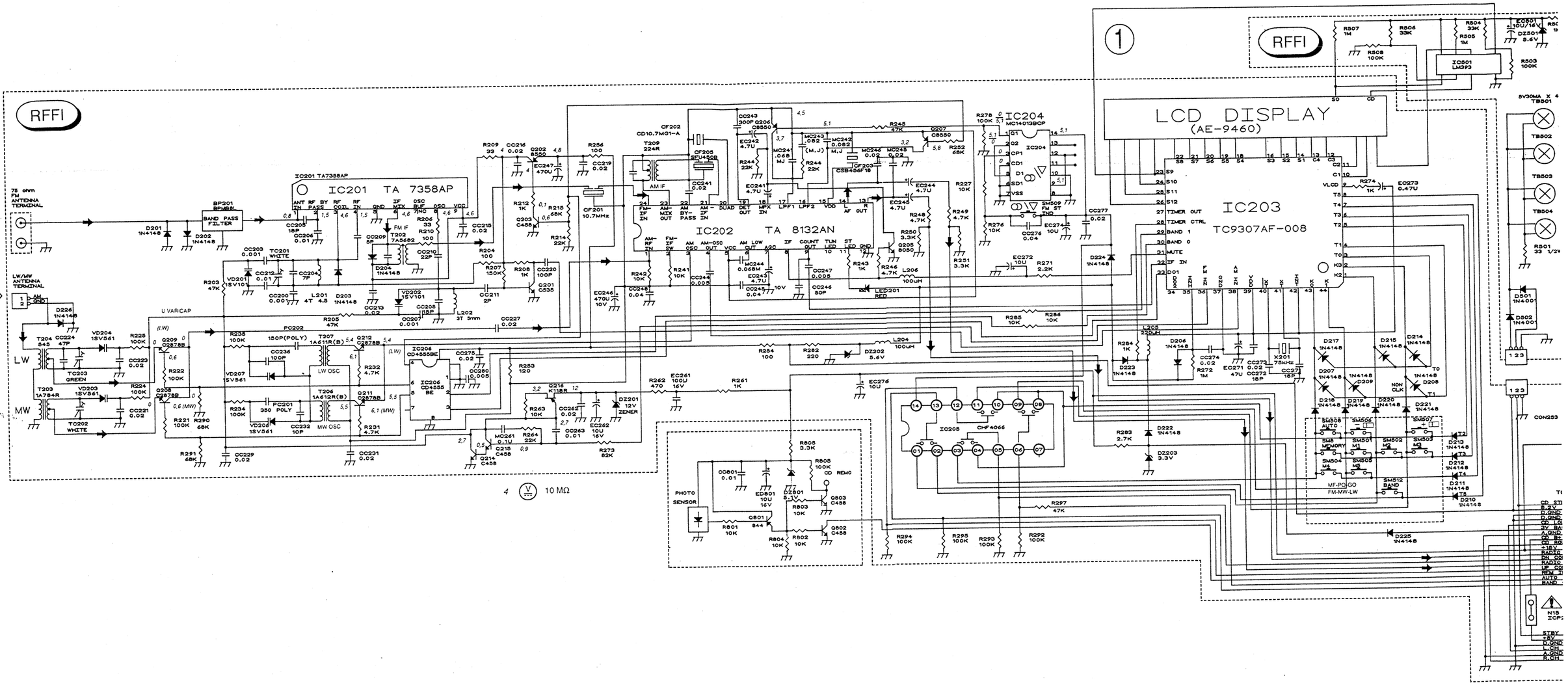
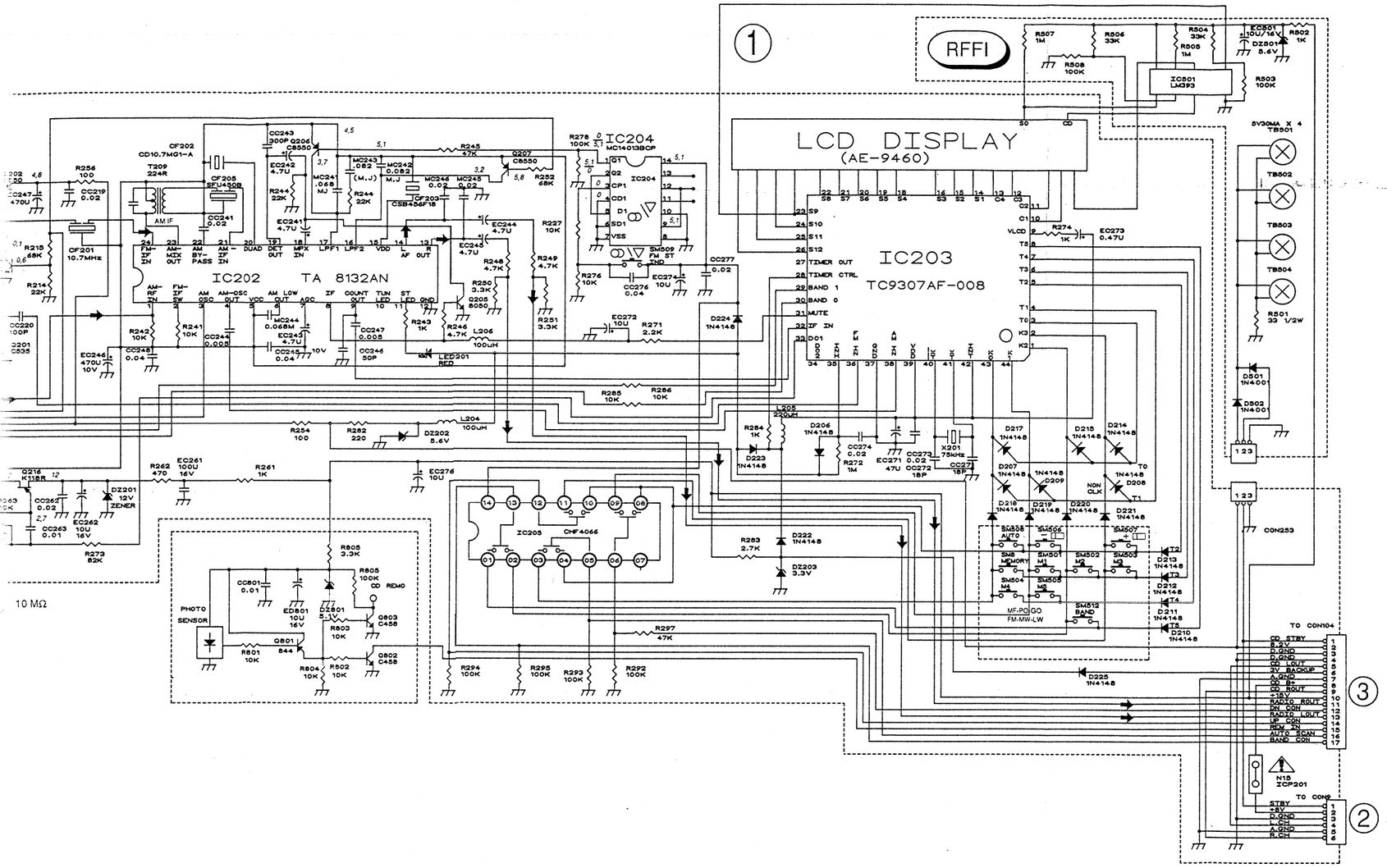
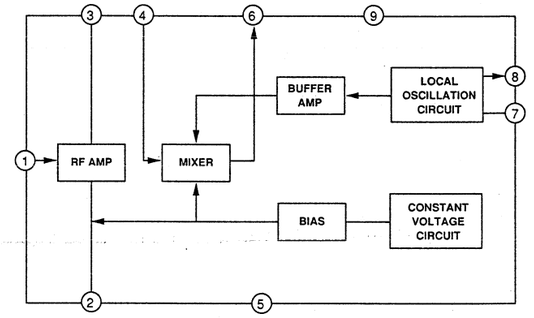
# RF / FI SCHEMATIC DIAGRAM - SCHEMA HF / FI - HF / FI SCHALTBILD - SCHEMA HF / FI - ESQUEMA HF / FI



# SCHEMA HF / FI - ESQUEMA HF / FI

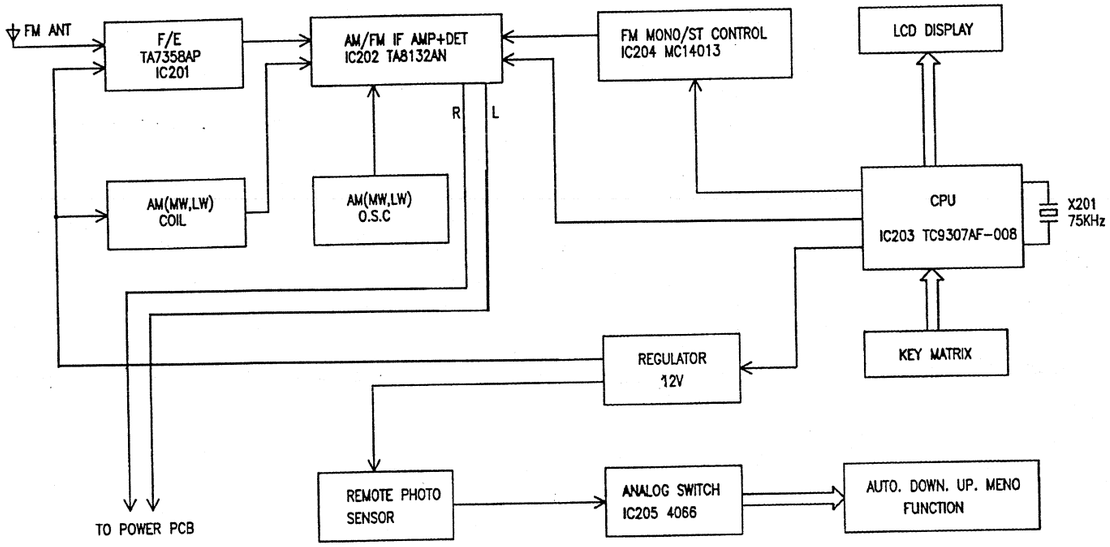



**IC21** TA 7358 P

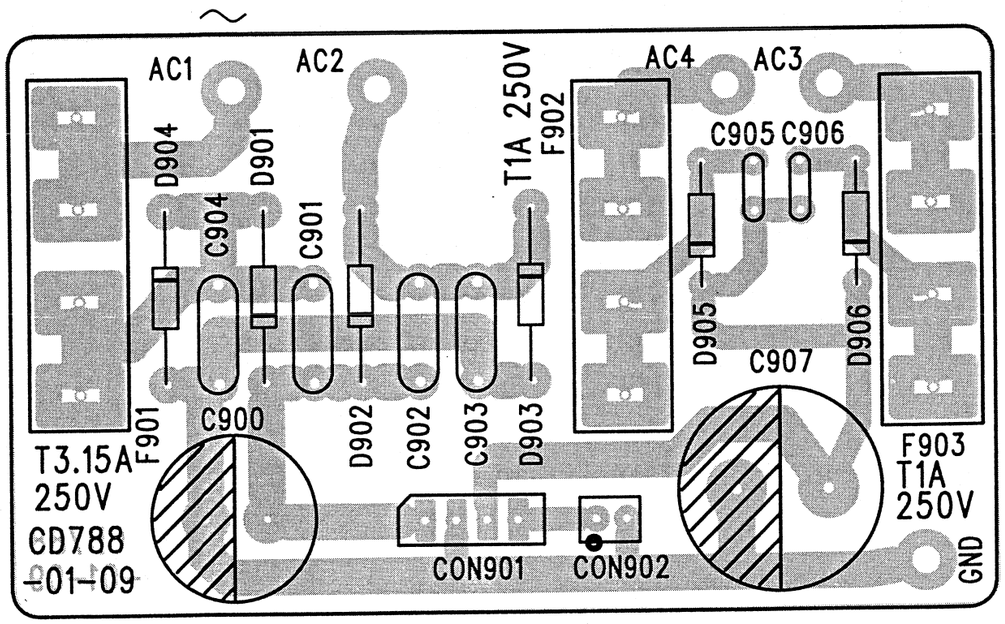


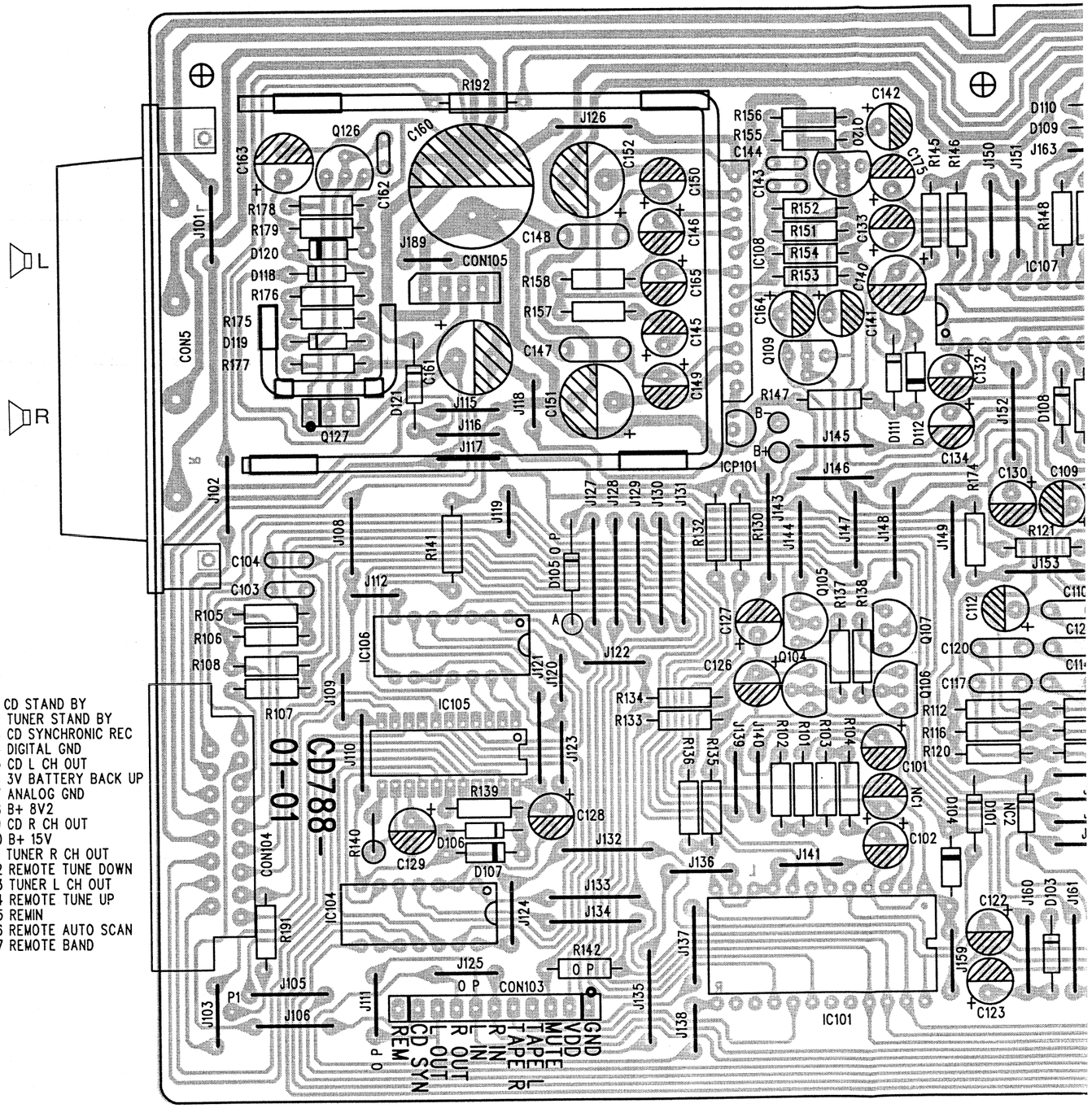

| | |
|---|---|
| **ASY** | Slice level of EFM signal |
| **C210** | Bit clock output 4,2336 MHz / 2,1168 MHz |
| **EFM** | HF signal to decoder |
| **FE** | Focus error signal |
| **FE_Bias** | Focus servo bias |
| **FOK** | When focus is OK on first search |
| **LDON** | Laser diode on |
| **LRCK** | L/R switch clock |
| **MIRR** | Mirror detection |
| **MON** | Disc motor on |
| **MUTG** | Muting |
| **SLED** | Sled motor |
| **SPDL** | Spindle motor |
| **SQCK** | Subcode Q clock |
| **SUBQ** | Subcode Q |
| **TE** | Tracking error signal |
| **TRAY** | Tray motor |

## TUNER BLOCK DIAGRAM - SCHEMA SYNOPTIQUE TUNER - TUNER BLOCKSCHALTBILD - SCHEMA A BLOCCHI TUNER - ESQUEMA DE BLOQUES TUNER

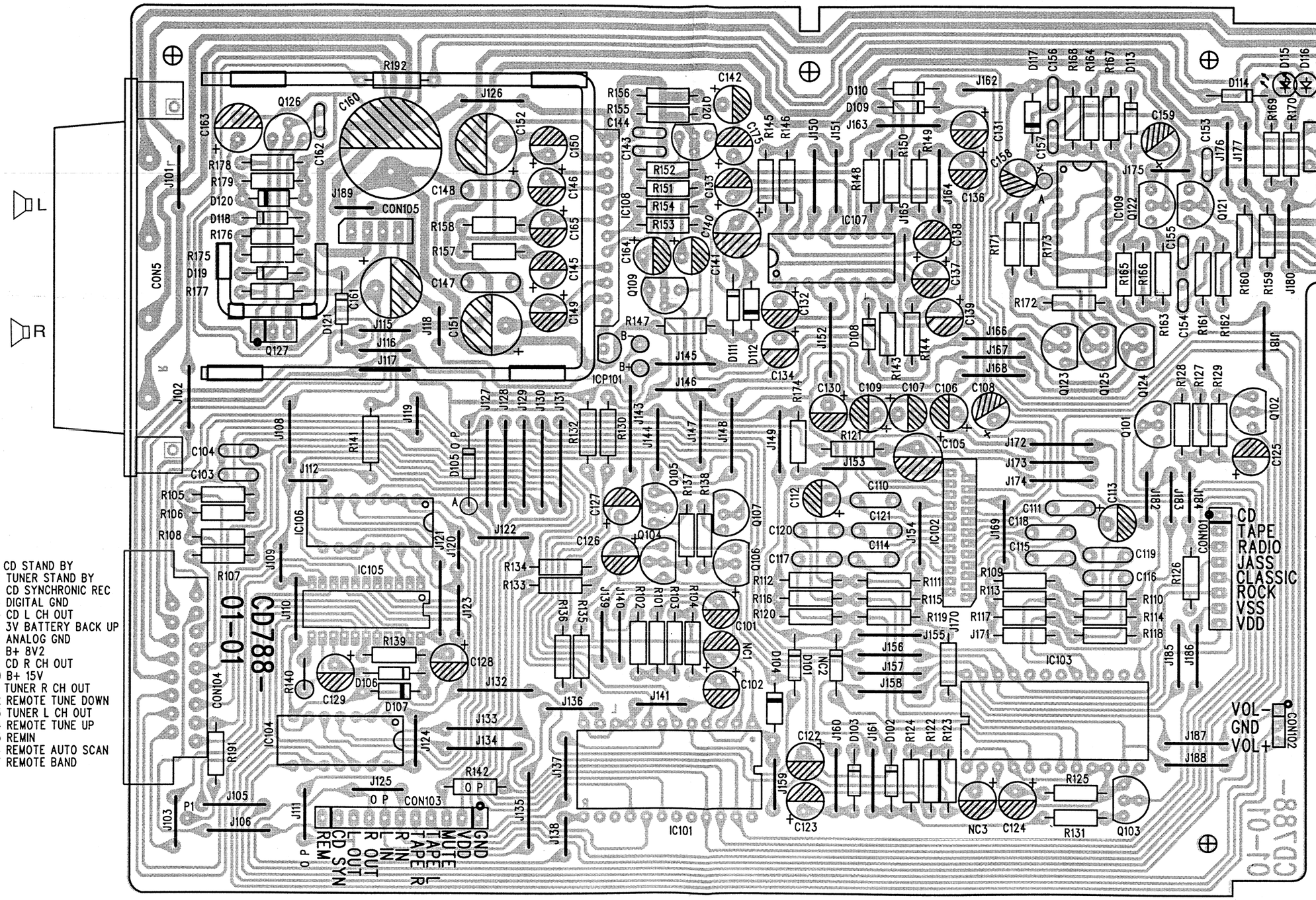



**Power supply P.C.B.**
**Platine alimentation**
**Netzeil L.T.P.**
**Piastra alimentazione**
**Platina alimentación**




1 CD STAND BY
2 TUNER STAND BY
3 CD SYNCHRONIC REC
4 DIGITAL GND
5 CD L CH OUT
6 3V BATTERY BACK UP
7 ANALOG GND
8 B+ 8V2
9 CD R CH OUT
10 B+ 15V
11 TUNER R CH OUT
12 REMOTE TUNE DOWN
13 TUNER L CH OUT
14 REMOTE TUNE UP
15 REMIN
16 REMOTE AUTO SCAN
17 REMOTE BAND




Amplifiifier P.C.B.
Platine amplificateur
Endverstärker L.T.P.
Piastra amplificatore
Platina amplificador





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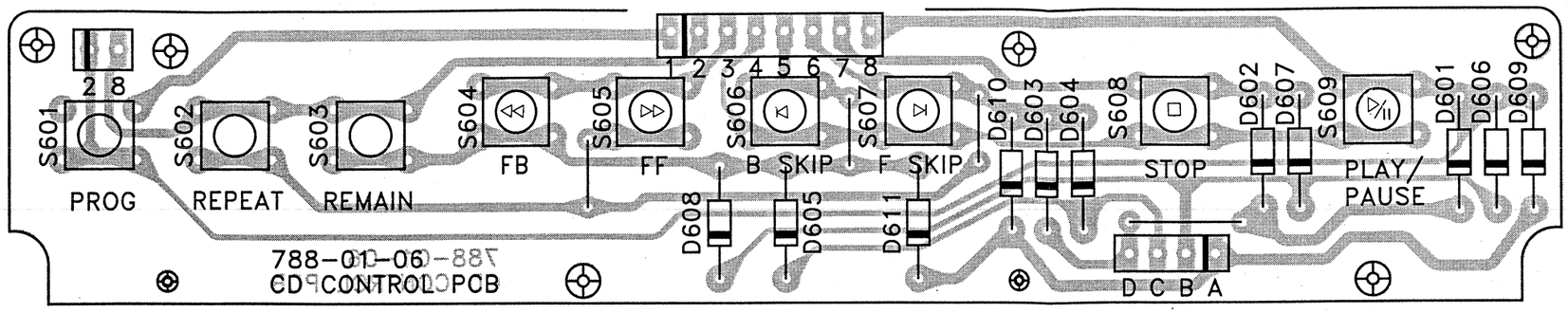
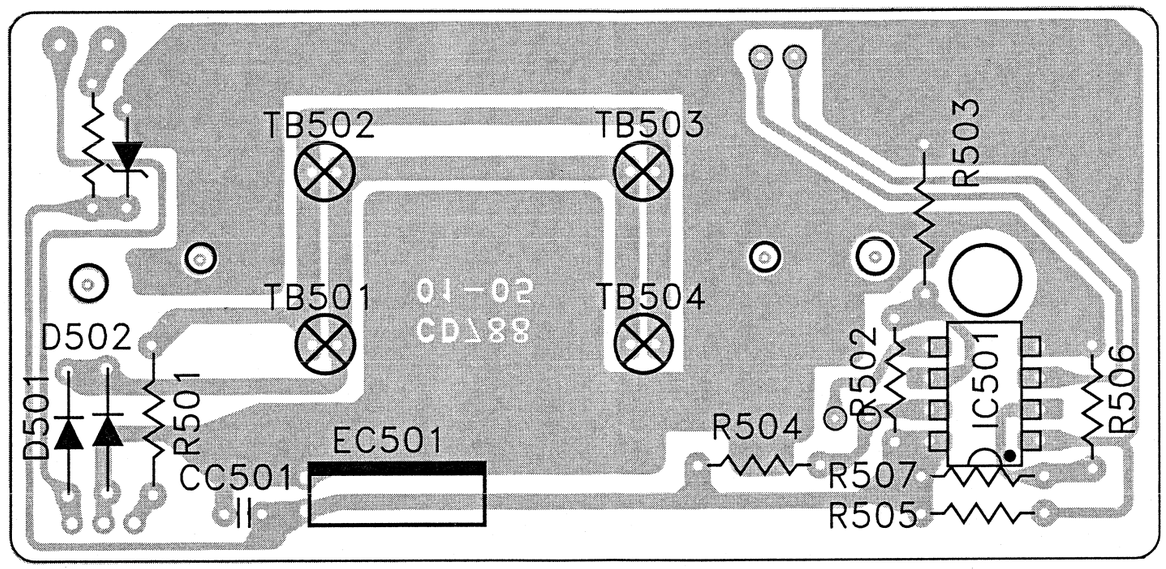
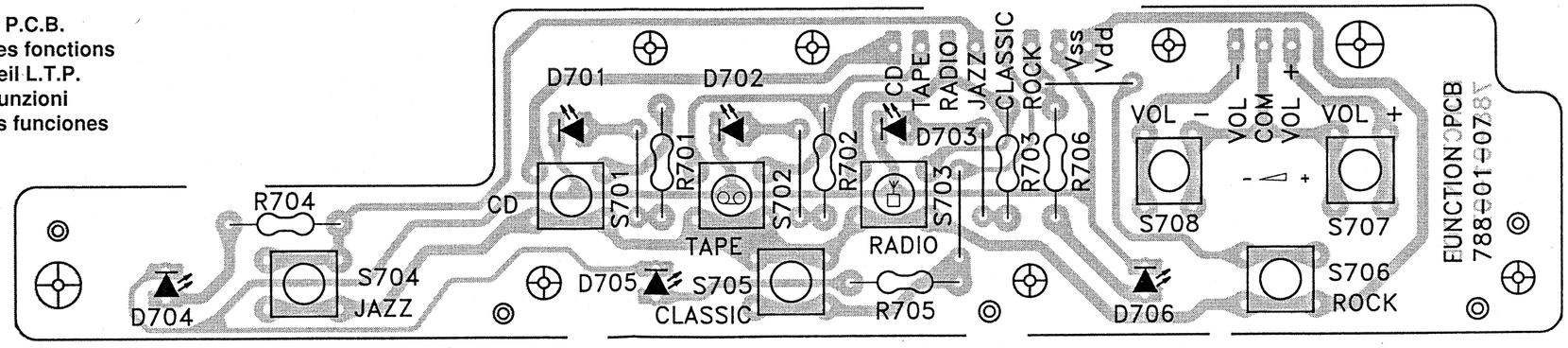
CD control P.C.B.
Platine commandes
CD Bedienteil L.T.P.
Piastra comandi CD
Platina de mandos CD



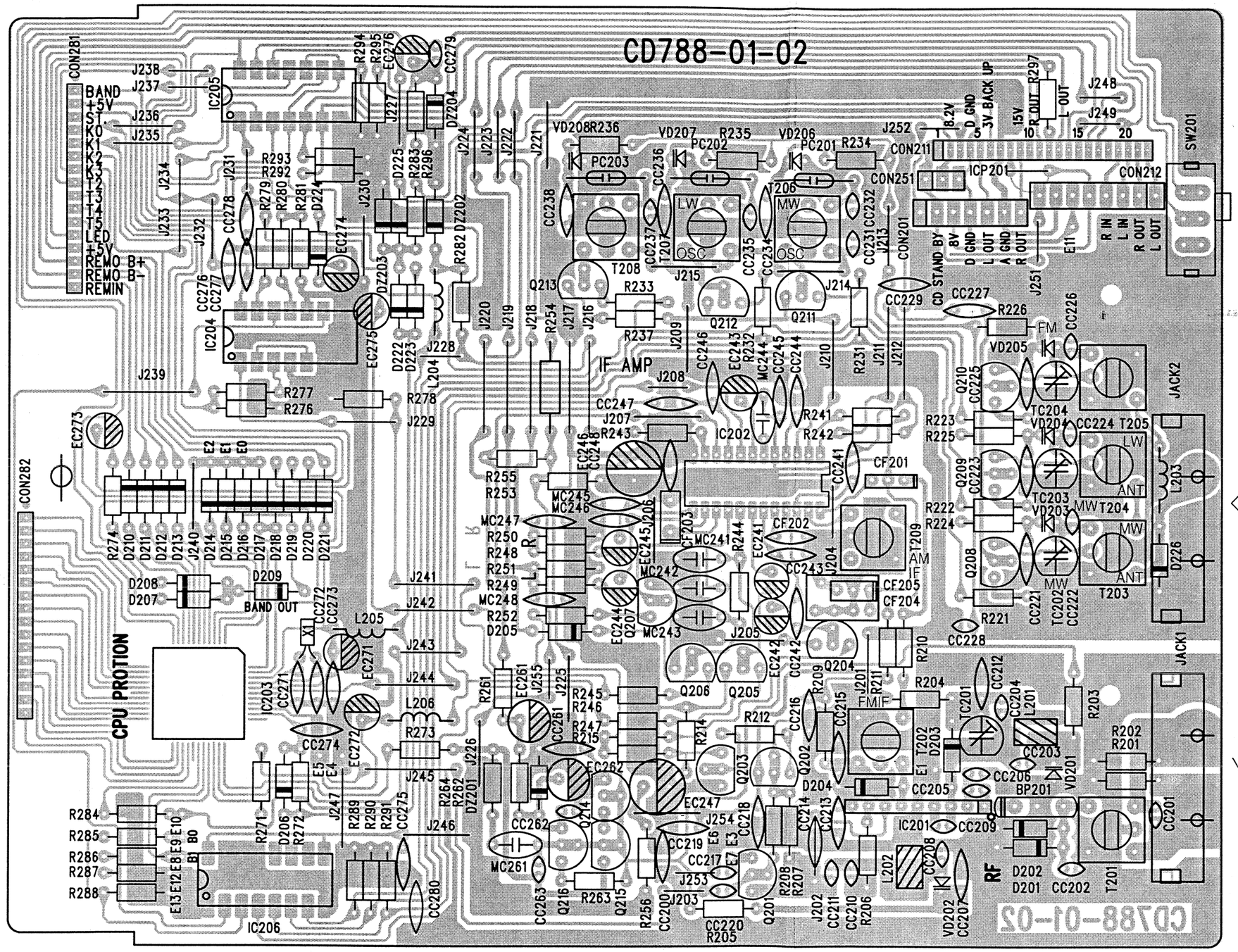

Led P.C.B.
Platine Led
Led L.T.P.
Piastra Led
Platina Led



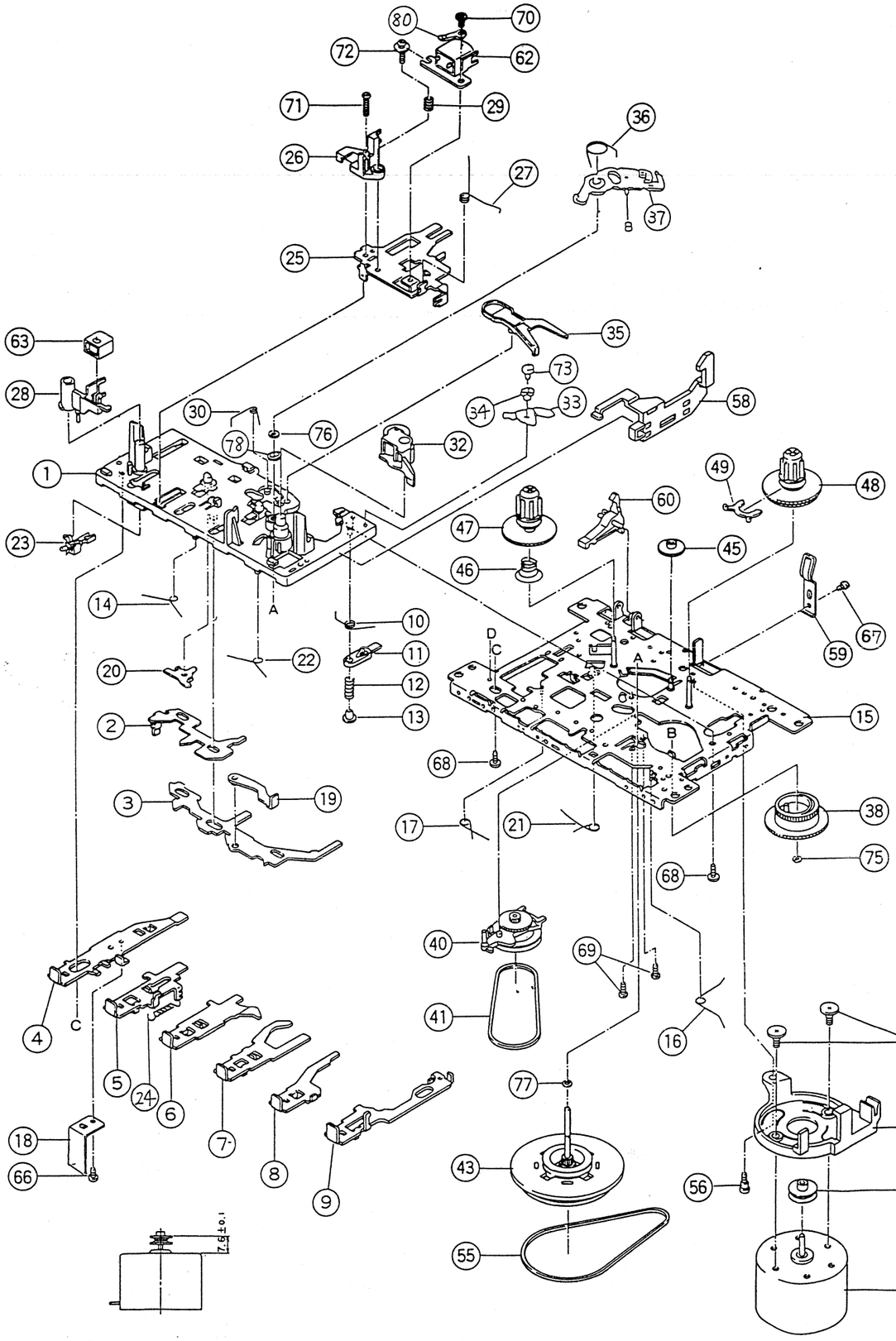

Function controls P.C.B.
Platine commandes fonctions
Funktionsbedienteil L.T.P.
Piastra comandi funzioni
Platina de mandos funciones



**RF /FI P.C.B.**
**Platine HF / FI**
**HF / FI L.T.P.**
**Piastra RF / FI**
**Platina RF / FI**



## CASSETTENLAUFWERK - CASSETTE MECHANISM






## Ersatzteile · Spare parts list · Liste de pièces de rechange · Lista parti di ricambio Lista de piezas de recambio

**Wichtig:** Bei Ersatzteilbestellungen bitte unbedingt die entsprechende Bestellnummer angeben!
**N. B.:** When demanding Spare Parts it is absolutely necessary to quote the corresponding part number!
**Important:** Lors d'une commande de pièces de rechange, prière d'indiquer et tout cas le numéro de la pièce!
**Importante:** Ordinare sempre con il numero correspondenti di codice!
**Importante:** Pedir siempre los recambios con el numero correspondiente codigo!

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| | | **MECHANISCHE TEILE:** | **MECHANICAL PARTS:** |
| | | **CHASSIS UND GEHÄUSETEILE:** | **CHASSIS AND CABINET PARTS:** |
| - | 102.942.60 | Kontaktmatte | Rubber keyboard |
| - | 102.942.70 | Batteriekontakt (+/-) | Battery contact |
| - | 102.942.80 | Batteriekontakt (+/-) | Battery contact |
| - | 103.288.70 | Feder, Cassettenklappe | Cassetten door spring |
| 14 | 102.933.40 | Lspr. Abdeckung | Speaker, cover |
| 21 | 102.933.70 | Fenster, LCD | Window, LCD |
| 22 | 102.933.80 | CD Frontblende | CD Front Panel |
| 23 | 102.933.90 | Taste, CD open/close | Knob, CD open/close |
| 24 | 102.934.10 | Tastensatz, Tuning | Tuning knob set |
| 33 | 102.934.50 | CD, Gehäuse | CD Cabinet |
| 34 | 102.934.60 | Gummifuß | Rubber foot |
| 35 | 102.934.70 | CD-Halter | CD tray |
| 38 | 102.934.80 | Tastensatz, CD | Knob set, CD |
| 39 | 102.934.90 | Tastensatz, Memory | Knob set, Memory |
| 41 | 102.935.10 | Klappe, CD | CD door |
| 42 | 102.935.20 | Fenster, Cassette | Window, cassette |
| 43 | 102.935.30 | Cass.Klappe, Abdeckung | Door cassette, cover |
| 44 | 102.935.40 | Audio Frontblende | Audio Front Panel |
| 45 | 102.935.50 | Knopf, Balance | Knob, balance |
| 46 | 102.935.60 | Taste, Netz | Power knob |
| 47 | 102.935.70 | Tastensatz, Function | Function knob set |
| 48 | 102.935.80 | Knopf, Lautstärke | Knob, volume |
| 50 | 102.936.10 | Cassettenklappe | Door cassette |
| 59 | 102.936.20 | Audio Gehäuse | Audio cabinet |
| 60 | 102.936.30 | Batteriefachdeckel | Battery compartment cover |
| 74 | 102.936.80 | Taste, Pause | Button, pause |
| 75 | 102.936.90 | Taste, Stop/Eject | Knob, stop/eject |
| 76 | 102.937.10 | Taste, Forw. | Knob, forw. |
| 77 | 102.937.20 | Taste, Rewind | Knob, rewind |
| 78 | 102.937.30 | Taste, Play | Knob, play |
| 79 | 102.937.40 | Taste, Record | Button, record |
| 81 | 102.937.50 | Knopf, Trebie | Knob, trebie |
| 82 | 102.937.60 | Knopf, Bass | Knob, bass |
| 72 | | **TN-21ZSC-1523 CASSETTENLAUFWERK:** | **CASSETTE MECHANISM:** |
| 2 | 339.705.909 | Schieber, Start | Switch Actuator |
| 3 | 339.705.910 | Rastschieber | Slide |
| 4 | 490.008.1018 | Schieber, Aufnahme | Lever, Record |
| 5 | 490.008.1019 | Schieber, Wiedergabe | Lever, Play |
| 6 | 490.008.1020 | Schieber, Rücklauf | Lever, REW |
| 7 | 490.008.1021 | Schieber, Vorlauf | Lever, FF |
| 8 | 490.008.1022 | Schieber, Stop | Lever, Stop |
| 9 | 490.008.1023 | Schieber, Pause | Lever, Pause |
| 11 | 490.007.3561 | Pausensperre | Lever, Pause |
| 12 | 339.907.901 | Druckfeder | Compression spring |
| 13 | 339.872.924 | Stophebel | Stopper |
| 14 | 339.912.902 | Druckfeder, A | Compression spring, A |
| 16 | 339.912.903 | Drehfeder | Torsion spring |
| 17 | 339.902.901 | Drehfeder | Torsion spring |
| 19 | 339.765.910 | Hebel | Lever |
| 20 | 339.872.926 | Stophebel | Stopper |
| 21 | 339.912.904 | Drehfeder | Torsion spring |
| 22 | 339.912.905 | Drehfeder | Torsion spring |
| 23 | 339.440.715 | Federschalter | Leaf switch |
| 25 | 490.007.3562 | Kopfführungsplatte | Head panel |
| 26 | 102.355.90 | Kopfträgerplatte | Head base |
| 28 | 339.907.902 | Halter, Löschkopf | MG arm |
| 29 | 490.005.4474 | Feder | Spring |
| 30 | 247.689 | Feder (M CONTROL) | Spring |
| 32 | 339.750.101 | Andruckrolle, kpl. | Pinch roller assy |
| 35 | 247.691 | Forkenhebel | Sensing lever |
| 36 | 339.912.908 | Feder (GEAR PLATE) | Spring |
| 38 | 339.760.908 | Nockenzahnrad | Cam gear |
| 40 | 102.378.40 | Rutschkupplung kpl. | RF clutch |
| 41 | 339.730.907 | Antriebsriemen (RF) | Belt |
| 43 | 339.710.904 | Schwungrad | Flywheel |
| 45 | 339.760.909 | Zahnrad | Gear |
| 47 | 490.007.3565 | Bandteller, Abwickelseite, kpl. | Supply reel, cpl. |
| 48 | 490.007.3566 | Bandteller, Aufwickelseite, kpl. | Take up reel, cpl. |
| 49 | 339.935.908 | Fühler | Sensor |
| 54 | 490.007.3612 | Riemenscheibe | Pulley |
| 55 | 102.185.30 | Antriebsriemen, Motor | Motor belt |
| 58 | 490.008.1027 | Hebel, Eject | lever eject |
| 59 | 339.917.906 | Blattfeder | Back spring |
| 60 | 339.765.916 | Sich. Hebel | Record safety lever |

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| 62 | 102.136.80 | A/W Kopf | R/P head |
| 63 | 490.007.3569 | Löschkopf | Erase head |
| 64 | 102.186.50 | EG530AD-2B, Motor | EG530AD-2B, Motor |
| 75 | 490.008.1033 | Scheibe 1,2x3,8x0,3 | Washer |
| 76 | 490.008.1034 | Scheibe 1,4x3,8x0,5 | Washer |
| 77 | 490.008.1035 | Scheibe 2,0x,4,x0,13 | Washer |
| 78 | 490.006.6535 | Sicherungsring | Hood lock ring |
| - | 102.934.40 | **KSL2101ABM CD LAUFWERK** | **CD MECHANISM, CPL.** |
| - | 559.318.026 | Laser Pick-up-Einheit | Laser pick-up cpl. |
| | | **ELEKTRISCHE TEILE:** | **ELECTRICAL PARTS:** |
| | | **HAUPTLEITERPLATTE:** | **PCB. MAIN BOARD:** |
| CON 5 | 102.944.20 | Terminal, Lautsp. | Speaker jack |
| D101-103 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D104,107 | 102.943.70 | IN5232B Z-Diode 5,6V 0,5W | IN-5232B Z-Diode |
| D105,106 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D108-111 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D112,120 | 102.106.40 | IN-5237B Z-Diode | IN-5237B Z-Diode |
| D113,114 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D115 | 102.943.90 | SE-6201AT LED Diode | SE-6201AT LED |
| D116 | 102.944.00 | SE-6221AT LED Diode | SE-6221AT LED |
| D117 | 102.943.70 | IN5232B Z-Diode 5,6V 0,5W | IN-5232B Z-Diode |
| D118,119 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D121 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| IC101,103 | 102.197.70 | TC9152P IC | TC9152P IC |
| IC102 | 339.576.310 | BA3822LS, IC | BA3822LS, IC |
| IC104,106 | 339.575.901 | BU4066B IC | BU4066B IC |
| IC107 | 102.319.50 | TC9153AP IC | TC9153AP IC |
| IC108 | 490.008.1047 | BA5412 IC | BA5412 IC |
| IC109 | 339.576.265 | MC14013/BCP IC | MC14013/BCP IC |
| ICP101 | 339.576.912 S | ICP-N38 Schutzschaltung | ICP-N38 Circuit protector |
| JACK 101 | 102.944.10 | Buchse, Kopfhörer | Headphone socket |
| Q101-104 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q105,107 | 490.008.1053 | PE8550C Transistor | PE8550C Transistor |
| Q106,109 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q120 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q121 | 490.008.1051 | 2SA844D Transistor | 2SA844D Transistor |
| Q122,123 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q124 | 490.008.1053 | PE8550C Transistor | PE8550C Transistor |
| Q125,126 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q127 | 102.050.10 | 2SB1064E Transistor | 2SB1064E Transistor |
| S101 | 102.943.80 | Taktschalter | Tact switch |
| | | **LTP. CD:** | **PCB. CD:** |
| - | 102.944.30 | 1K Potentiometer | 1K Potentiometer |
| - | 102.945.10 | BA6296FP IC | BA6296FP IC |
| - | 276TX2778 | BA4558 IC | BA4558 IC |
| D 1-8 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D 9 | 102.945.30 | WZ033 Z-Diode | WZ-033 Z-diode |
| IC 1 | 102.945.20 | CXA1081Q IC | CXA1081Q IC |
| IC 2 | 339.577.360 | CXD1167Q IC | CXD1167Q IC |
| IC 3 | 339.577.361 | CXP1011Q IC | CXP1011Q IC |
| IC 4 | 490.008.1562 | CXA1082BQ IC | CXA1082BQ IC |
| IC 6 | 247.277 | LC7881 IC | LC7881 IC |
| IC 8 | 102.944.90 | BA6209N IC | BA6209N IC |
| Q 2,12 | 339.555.304 | DTC124X Transistor | DTC124X Transistor |
| Q 4,5 | 490.008.1053 | PE8550C Transistor | PE8550C Transistor |
| Q 6 | 339.556.961 | 2SB1010(QR) Transistor | 2SB1010(QR) Transistor |
| Q 7-9 | 339.555.304 | DTC124X Transistor | DTC124X Transistor |
| Q10,11 | 102.944.70 | BA1L3Z Transistor | BA1L3Z Transistor |
| Q13 | 102.944.80 | BN1L4M Transistor | BN1L4M Transistor |
| SFR 1-3 | 102.944.40 | 20K Potentiometer | 20K Potentiometer |
| SFR 4 | 102.944.50 | 50K Potentiometer | 50K Potentiometer |
| X 1 | 102.945.40 | 16M930Hz Ceramik-Resonator | 16M930Hz Ceramic resonator |
| | | **LTP. DISPLAY:** | **PCB. DISPLAY:** |
| - | 102.945.60 | RPM6338CBRL I.R. Empf. | RPM6338CBRL R/C RECEIVER |
| D601-611 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| LCD801 | 102.971.70 | LCD-Anzeige | LCD-display |
| LED201 | 490.008.1077 | SE-5001DT LED Diode | SE-5001DT LED |
| LED601 | 102.944.00 | SE-6221AT LED Diode | SE-6221AT LED |

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| Q801 | 490.008.1051 | 2SA844D Transistor | 2SA844D Transistor |
| Q802,803 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| SM501-512 | 490.008.1069 | PB Schalter | PB Switch |
| SM610 | 490.008.1069 | PB Schalter | PB Switch |
| | | **LTP. BEDIENTEIL:** | **P.C.B. CONTROL UNIT:** |
| D701-706 | 102.971.80 | SE-3001DT LED Diode | SE-3001DT LED |
| S701-708 | 490.008.1069 | PB Schalter | PB Switch |
| | | **LTP. LAMPEN:** | **P.C.B. LAMP:** |
| D501,502 | 309.325.951 | 1N4001 Diode | 1N4001 Diode |
| DZ501 | 102.943.70 | IN5232B Z-Diode 5,6V 0,5W | IN-5232B Z-Diode |
| IC501 | 339.576.264 | LM393 IC | LM393 IC |
| TB501-504 | 102.972.40 | Lampe 5W/30mA | Display lamp |
| | | **LTP. CASSETTE:** | **PCB. CASSETTE:** |
| D301-304 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D305 | 102.972.60 | MTZJ15C Z-Diode | MTZJ15C Z-diode |
| IC301 | 257.923 | BA3308 IC | BA3308 IC |
| Q301-303 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q304 | 490.008.1052 | PE8050C Transistor | PE8050C Transistor |
| Q305 | 102.050.10 | 2SB1064E Transistor | 2SB1064E Transistor |
| Q306,307 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q308 | 490.008.1051 | 2SA844D Transistor | 2SA844D Transistor |
| R331 | 102.972.50 S | 8R2OHM Sicherunswiderstand | 8R2 Fusible resistor |
| SW301 | 490.008.1070 | Schalter, A/W | R/P switch |
| SW302 | 102.107.10 | Schiebeschalter | Slide switch |
| T301 | 490.008.1065 | IFT 4A-363R Filter | IFT 4A-363R Filter |
| VR301 | 102.106.90 | 10K Potentiometer | 10K Potentiometer |
| | | **LTP. NETZTEIL:** | **PCB. POWER:** |
| D901-904 | 339.527.181 | 1N5401 Diode | 1N5401 Diode |
| D905,906 | 339.525.013 | 1N4001 Diode | 1N4001 Diode |
| F901 | 467.243 S | T3,15A Sicherung | T3,15A Glass fuse |
| F902,903 | 467.105 S | T1A 250V Sicherung, 5X20MM | T1A Glass fuse |
| | | **LTP. TUNER:** | **PCB. TUNER:** |
| - | 102.975.50 | FM Antennenbuchse | FM Antenna socket |
| BP201 | 102.975.00 | BPMB8L Filter | BPMB8L Filter |
| CF201 | 490.008.1068 | 10M7Hz Keramikfilter | 10M7Hz Ceramic filter |
| CF202 | 102.974.80 | KMF C366-A Keramikfilter | KMF C366-A Ceramic filter |
| CF203 | 490.007.4530 | 456KHz Keramik-Resonator | 456KHz Ceramic resonator |
| CF205 | 102.974.90 | SFU450B Keramikfilter | SFU450B Ceramic filter |
| D201-204 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D206-209 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D210-215 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D217-221 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| D222-226 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| DZ201 | 102.974.30 | 05AZ12 Z-Diode 12V/0,5W | 05AZ12 Z-diode |
| DZ202,204 | 102.974.20 | IN-4733B Z-Diode 5,2V/1W | IN-4733B Z-Diode |
| DZ203 | 102.945.30 | WZ033 Z-Diode | WZ-033 Z-diode |
| IC201 | 247.097 | TA7358AP/KIA7358AP IC | TA7358AP IC |
| IC202 | 247.473 | TA8132AN IC | TA8132AN IC |
| IC203 | 102.974.10 | TC9307AF-008 IC | TC9307AF-008 IC |
| IC204 | 339.576.265 | MC14013/BCP IC | MC14013/BCP IC |
| IC205 | 339.575.901 | BU4066B IC | BU4066B IC |
| IC206 | 102.973.90 | CD4555BE IC, C-MOS | CD4555BE IC |
| ICP201 | 339.576.970 | ICP-N15 Schutzschaltung | ICP-N15 Circuit protector |

| Pos. | Art.-Nr. Part No. | Bezeichnung | Part |
|---|---|---|---|
| JACK1 | 102.975.10 | Antennenbuchse | Antenna socket |
| JACK2 | 102.975.20 | Terminal, Lautsp. | Speaker jack |
| Q201 | 339.556.995 | 2SC535B Transistor | 2SC535B Transistor |
| Q202 | 490.008.1053 | PE8550C Transistor | PE8550C Transistor |
| Q203 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q205 | 490.008.1052 | PE8050C Transistor | PE8050C Transistor |
| Q206,207 | 490.008.1053 | PE8550C Transistor | PE8550C Transistor |
| Q208,209 | 102.973.60 | 2SC2878B Transistor | 2SC2878B Transistor |
| Q211,212 | 102.973.60 | 2SC2878B Transistor | 2SC2878B Transistor |
| Q214,215 | 291.282 | 2SC458C Transistor | 2SC458C Transistor |
| Q216 | 102.973.70 | 2SK118R Transistor (FET) | 2SK118R Transistor |
| T202 | 490.008.1061 | 7A127N Filter | 7A127N IF. transformer |
| T209 | 490.008.1062 | 4A-224R Filter | 4A-224R IF. transformer |
| TC201,202 | 102.973.40 | Trimmer | Trimmer |
| TC203 | 102.973.30 | Trimmer | Trimmer |
| VD201,202 | 339.527.148 | 1SV101 Diode Varicap | 1SV101 Diode Varicap |
| VD203,204 | 339.527.149 | 1SV149B Diode | 1SV149B Diode |
| VD206,207 | 339.527.149 | 1SV149B Diode | 1SV149B Diode |
| X01 | 102.973.80 | KF38R5 Quarz | KF38R5 Crystal |
| | | **LTP. CD BEDIENTEIL:** | **CD CONTROL UNIT, P.C.B.** |
| D601-611 | 309.325.927 | 1N4148 Diode | 1N4148 Diode |
| S601-609 | 490.008.1069 | PB Schalter | PB Switch |
| | | **ALLGEMEINE TEILE:** | **GENERAL PARTS:** |
| - | 102.936.50 S | Netztransformator | Power transformer |
| - | 309.695.937 S | Netzleitung | Mains cord |
| - | 102.942.40 | Batteriefachdeckel, Fernbed. | Battery door, remote |
| - | 102.942.90 | Gummidämpfer | Rubber pad |
| LSP.BOX | 102.932.60 | Lsp. Rahmen, links | Speaker frame, left |
| LSP.BOX | 102.932.70 | Lsp. Abdeckung, links | Speaker panel frame, left |
| LSP.BOX | 102.933.50 | Lsp. Abdeckung, rechts | Speaker panel frame, right |
| LSP.BOX | 102.933.60 | Lsp. Rahmen, rechts | Speaker frame, right |
| LSP.BOX | 102.932.80 | Piezo Ceramik Transdukter | Piezo ceramic transducer |
| LSP.BOX | 102.933.10 | Lautsprecher, 63,5mm/8Ohm/1,5W | Speaker |
| LSP.BOX | 102.933.30 | Lautsprecher, 127mm/4Ohm/10W | Speaker |
| | | **ZUBEHÖR /BEIPACK:** | **ACCESSORIES:** |
| FB | 103.201.20 | FB CS1550CD IR-GEBER | REMOTE CONTROL UNIT |
| | 103.202.20 | Lautsprecherbox links, kpl. | Speaker box left, cpl. |
| | 103.202.30 | Lautsprecherbox rechts, kpl. | Speaker box right, cpl. |
| - | 102.943.10 | Wurfantenne | Throw-out antenna |
| | | **SERVICE-UNTERLAGEN:** | **SERVICE INFORMATIONS:** |
| BA | 102.942.50 | BA CS1550CD | Instruction booklet |
| SI | 102.798.70 | SERV.INFO CS1550CD | Service information |

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